

Wright State University

CORE Scholar

---

WSU Research News

Office of the Vice Provost for Research

---

6-1-1968

## WSU Research News, June 1968

Office of Research Development, Wright State University

Follow this and additional works at: [https://corescholar.libraries.wright.edu/ws\\_u\\_research\\_news](https://corescholar.libraries.wright.edu/ws_u_research_news)



Part of the [Mass Communication Commons](#)

---

### Repository Citation

Office of Research Development, Wright State University (1968). *WSU Research News, June 1968*. .

This Newsletter is brought to you for free and open access by the Office of the Vice Provost for Research at CORE Scholar. It has been accepted for inclusion in WSU Research News by an authorized administrator of CORE Scholar. For more information, please contact [library-corescholar@wright.edu](mailto:library-corescholar@wright.edu).



# WRIGHT STATE UNIVERSITY

## Research News

Office of Research Development

November, 1971  
Vol. IV, No. 5

### GRANTS, NEW AND CONTINUED

Project #196 is a continuation of the grant from the National Institute of Allergy and Infectious Disease, PHS, DHEW, to Dr. Brian Hutchings for continuation of the study, "Tetracycline Resistance in Staphylococcus aureus." The amount of the grant, \$26,505, will support further studies on delineating the differences between tetracycline-sensitive and resistant cells of this organism.

Project #197 is a new grant through the Ohio Bureau of Employment Services in the amount of \$26,758. This is a New Careers Employment Services program directed toward the instruction and training of personnel through Dr. James Larkins as Project Coordinator.

Project #198 is a new contract in the amount of \$15,000 which has been made with the Air Force Systems Command for "Presentation of a Third International Symposium on Multivariate Analysis." This program will be under the direction of Dr. Carl Maneri with supportive assistance from the Mathematics Department and the College of Science and Engineering. This is a cooperative program with the Air Force Aerospace Research Laboratories at Wright-Patterson Air Force Base.

### EXCESS PROPERTY - GENERAL SERVICES ADMINISTRATION

Through misinformation provided to the Office of Research Development, we were of the opinion that materials could be transferred on certain National Science Foundation Grants. We have since learned that only related use equipment may be transferred on grants and Institutional Grants do not qualify.

There is occasionally valuable equipment available, but it is necessary to have an authorized granting agency make the transfer to a valid project. The National Institutes of Health have stopped this program. The Office of Education through DHEW does provide access to these transfers of equipment. Grants or contracts from other federal agencies may provide the necessary qualification for legitimate relevant transfer of equipment.

## REGIONAL MATH MEETINGS

The National Science Foundation is seeking proposals for five-day regional conferences on subjects of current research interest in the mathematical sciences. December 1 is the deadline. The objective of the program is to stimulate and broaden mathematical research activity, particularly in regions where further development is warranted.

## SCANDINAVIAN STUDIES

The American-Scandinavian Foundation has set December 1 as the deadline for application for a variety of pre- and post-doctoral fellowship programs it administers which provide financial assistance to U. S. citizens wishing to study in Scandinavian countries. Awards will be announced March 15, 1972.

## NRC RESEARCH ASSOCIATESHIPS

The National Research Council is seeking qualified scientists and engineers interested in postdoctoral research at more than 80 federal laboratories. Stipends for these posts will be at least \$13,000. Deadline for application is January 15, 1972.

### OHIO

Advanced Waste Treatment Research Lab., Interior (FWPCA)  
Aeropropulsion Laboratory, DOD (Air Force)  
Aerospace Medical Research Laboratory, DOD (Air Force)  
Aerospace Research Laboratories, DOD (Air Force)  
Analytical Quality Control Laboratory, Interior (FWPCA)  
Avionics Laboratory, DOD (Air Force)  
Bureau of Water Hygiene Laboratory, HEW (CPHS)  
Chemistry & Physics Laboratory, HEW (CPHS)  
Flight Dynamics Laboratory, DOD (Air Force)  
Forest Insect & Disease Laboratory, Delaware, USDA  
(Forest Service, NE Forest Experiment Station)  
Forestry Sciences Laboratory, Columbus, USDA  
(Forest Service, NE Forest Experiment Station)  
Health Effects Research Laboratory, HEW (CPHS)  
Lewis Research Center, NASA  
Materials Laboratory, DOD (Air Force)  
Milk and Food Laboratories, HEW (CPHS)  
Mound Laboratory, AEC  
Newtown Fish Toxicology Laboratory, Interior (FWPCA)  
North Appalachian Experimental Watershed, USDA  
(ARS, Soil and Water Conservation Division)  
Occupational Health Laboratory, HEW (CPHS)  
Plum Brook Station, NASA  
Process Control Engineering Laboratory, HEW (CPHS)  
Radiological Engineering Laboratory, HEW (CPHS)  
Radiological Health Laboratory, HEW (CPHS)  
Shade Tree and Ornamental Plants Laboratory, USDA  
(ARS, Crops Research Division)  
Solid Wastes Laboratory, HEW (CPHS)  
Solid Wastes Pilot Handling Plant, HEW (CPHS)

## SUMMER INSTITUTES & SHORT COURSES FOR COLLEGE TEACHERS

For 1972 it has been observed that there were no awards for Summer Institutes for College Teachers in Ohio. There has been awarded to Ohio State University, Department of Sociology, and to Ohio University, Department of Industrial & Systems Engineering, the opportunity to provide Short Courses for College Teachers. This NSF program provided \$3.1 million in awards for College Teacher Summer Programs.

ADULT EDUCATION  
PROJECTS

The U. S. Office of Education has announced November 30 as the application deadline for its adult education special experimental demonstration projects and teacher training awards. The program is open to local educational agencies, universities and colleges, or other public or private non-profit agencies (including educational television stations) for these special projects which (a) involve the use of innovative methods, systems, materials in programs of national significance; or (b) involve cooperative efforts between federal, state, or local agencies and offer promise of promoting a comprehensive or coordinated approach to the problems of persons with basic educational deficiencies.

HUMAN GENETICS  
RESEARCH CENTERS

The National Institute of General Medical Sciences has announced plans to finance a series of centers for research in human genetics. These centers must have the potential for comprehensive basic and clinical research relating to the identification, cause, and treatment of human genetic disease.

JOINT NIH - AEC  
TRAINING PROGRAM

The National Institutes of Health and the Atomic Energy Commission have announced a mutual program for encouraging education and training of nuclear medical and allied health personnel. The program will cover the fields of nuclear medicine, radiopharmacy, & radiology. Under terms of the agreement, NIH's Bureau of Health Manpower Education will expand its education and training grants to include programs at AEC supported institutions and facilities. AEC will make nuclear materials and laboratory equipment available to BHME supported institutions and agencies, including training units in hospitals. Cooperative manpower studies, information exchange, and other interagency efforts are also expected to result from the new effort.

GRADUATE FELLOWSHIP  
PROGRAM - NSF

The National Science Foundation has announced a November 29 application deadline for its graduate fellowship program. Some 600 stipends will be awarded next March to persons engaged in full-time study leading to the master's or doctor's degree in science (including the social sciences, mathematics, or engineering). As a part of the restructuring of the program, the stipend will be increased to \$3,600 for a 12 month tenure. No dependency allowance will be paid. The awards will be for a period of three years, subject to the satisfactory progress of the fellow and the availability of funds.

NIH POSTDOCTORAL  
RESEARCH & FELLOW-  
SHIPS

The National Institutes of Health of the Public Health Service has announced three application deadlines for its special research and postdoctoral research fellowship programs. These dates are January 2, June 1, and October 1, 1972. The conditions of the programs are unchanged from 1971.

AUTO EMISSIONS  
CONTROL PROGRAM

There are some 63,625 trainees in this program supported by \$1,060,732 from the National Air Pollution Administration in cooperation with the Manpower Development and Training Program. Ohio did not receive any of these funds, although 36 of the states received from \$3,000 to \$110,000 in support of these trainees.

NSF RESEARCH  
EXTENSION GRANTS

The National Science Foundation has announced the awarding of 142 Research Extension Grants to College Teachers at 129 institutions in 37 states. The grant funds may be used over a two-year period to support research in biological sciences, chemistry, earth science, engineering, mathematics, physics, and psychology. This is a part of the NSF College Teacher Programs designed to improve science education at the undergraduate level. Grants are in the amount of \$2,000.

In Ohio grants were awarded to C. A. Smith, Biology, Baldwin-Wallace College; K. P. Klatt, Biology, Denison University; J. R. Sampson, Science and Mathematics, Mary Manse College; Leonard Epp, Biology, Mount Union College; and P. G. Malone, Geology, Wright State University.

NS F UNDERGRADUATE  
RESEARCH PARTICIPATION

Guidelines for the preparation of proposals under this program have been accompanied by an open letter of critique relating to new aspects being considered in awards of grants. These programs - Undergraduate Research, Research Participation, and Independent Study have a deadline for proposals of Dec. 1, 1971.

Consult the Office of Research Development for details.

NEW PROGRAMS

Retired Senior Volunteer Program for development and operation of programs to help retired persons provide voluntary services in their communities (Guide No. 193.3). University Year for Action contracts with colleges and universities to operate projects in which students work in service opportunities for academic credit.

COSIP  
D - PROGRAM

The National Science Foundation is announcing a program specifically designed to support research by faculty members in those four-year degree-granting institutions which historically have educated disadvantaged ethnic minorities. Individuals or groups of faculty may apply for research grants through their institutions. This is separate from any comprehensive institutional proposal under COSIP.

Projects in mathematics, physical, basic medical, biological, social, and engineering sciences are eligible as well as interdisciplinary or overlapping fields.

The normal NSF program provisions, NSF 69-23, will be basic to proposals.

ESSO EDUCATION  
FOUNDATION

The Esso Education Foundation has a program, "Support for Promoting the Utilization of Resources," (SPUR). Its purpose is to underwrite experiments which promise to lead to more efficient and effective use of the instructional, administrative, and physical resources of colleges and universities. These must be at the undergraduate level.

The project must be a genuine innovation in higher education.

It must have the potential to increase the efficiency of the resource in question.

It must demonstrably help increase educational effectiveness.

It must be duplicable on other campuses and must be continued by the institution after expiration of the grant.

Grants are made in the following areas:

Instruction: methodology; the curriculum and related programs.

Administration: academic and related administration activities; methods of securing and administering revenue.

Physical Facilities: use or design of academic structures and equipment; utilization of land.

OHIO  
CENSUS.

The recent Ohio census report shows the following breakdown of the population on the basis of racial characteristics: Of a total population of 10,652,017 - 9,646,997 are white, 970,477 are negro, 6,654 Indian, 5,555 Japanese, 5,305 Chinese, 3,490 Filipino, and all others 13,539.



EDUCATIONAL PROJECTS ABROAD      The Institute of International Studies is authorized to use U. S. owned excess foreign currencies in selected countries to support overseas programs in foreign languages, area studies, and world affairs to benefit American higher education institutions and consortiums, state departments of education, school systems, teachers, prospective teachers, or other categories of students specializing in foreign language or area studies.

The following types of programs may receive funds for support:

Comparative Education Studies *	Interdisciplinary Group Research
Centers for Advanced Language Study	Linguistic Research *
Curriculum Development	Translation of Academic Materials*
Doctoral Dissertation Research	Teaching Materials Acquisition
Faculty Team Projects	Teaching Materials Preparation *
Individual Faculty Research	Seminars for Teachers or Administrators
Field Internships for Graduate Students in Professional Schools	

\* These and Interinstitutional Cooperative Research all have a deadline for application of December 1, 1971.

U S O E BASIC RESEARCH PROGRAM      The National Center for Educational Research and Development (N C E R D ) announces the continuation of its Unsolicited Basic Research Program through the fiscal year 1972. Scientists of all areas of inquiry are eligible to submit proposals for basic research which has a strong theoretical orientation and shows promise of adding to the knowledge base upon which the continuous improvement of education depends. Support will also be provided for basic research which seeks to produce new concepts and tools for both the conduct and management of research.

Studies of an applied nature (solution-oriented) are not eligible for support under this program.

There is no priority structure in the program and no single area of research is identified for special consideration.

Proposals will be evaluated by three panels whose members are active scientists selected for their experience in research methodology and their productivity in a substantive area.

Panel I - Social Psychology and Personality - Studies of man in all of his relationships with other men. The unit of inquiry is the individual human being.

(continued next page)

Panel II - Intelligence, Learning, and Cognitive Functioning - Studies which attempt to explain the psychological, biological, and physiological processes which govern human learning and behavior.

Part III - The Social Sciences - Studies of groups, collectivities, organizations, and more complex structures; their interrelations; their processes for exercising social, political, economic, cultural, and related influences; their bearing upon education broadly conceived.

Instructions for preparing and submitting proposals may be obtained from:

Research Analysis and Allocation Staff  
National Center for Educational Research  
& Development  
U. S. Office of Education  
Washington, D. C. 20202

LAW ENFORCEMENT  
EDUCATION

The program of federal grants to assist institutions of higher education in planning, developing, strengthening, improving, or carrying out programs or projects for the development or demonstration of improved methods of law enforcement is a part of the Omnibus Crime Control Act.

The Division of Manpower Development (M. D. A. ) has established a program to develop improved methods of law enforcement education. This includes all aspects of police, courts, and corrections. Programs eligible for funding encompass all phases of law enforcement education: curriculum development; development of new criminal justice programs and/or expansion or revision of existing programs; research; development of centers of excellence.

Institutions of higher education should submit a concept paper briefly describing the nature of the proposed project. A formal proposal will be based on the MDA interest and request. Programs eligible for support include:

1. Curriculum Development: new undergraduate or graduate degree programs in criminal justice to expand, revise or strengthen existing programs.
2. Research: to conduct research to develop, improve, and strengthen criminal justice education.
3. Educational Materials: research into and development of teaching materials for criminal justice education.
4. Education and Improvement of Faculty: to educate personnel involved to any extent with the program for the purpose of improving criminal justice.
5. Centers of Excellence: to expand existing programs into Centers of Excellence in which new curricular and teaching technology would be improved.





FOREIGN  
EXCHANGE

The National Science Foundation supports a series of foreign-exchange programs:

Exchange of Scientists and Engineers with India.

Cooperative Program with Japan which covers many categories: Exchange; Education; Scientific and Technical Communication; Earth, Planetary and Astronomical Science; Biological, Agricultural, and Medical Sciences; Mathematics, Physical, and Chemical Sciences; Engineering; Special Problems of the Natural Sciences; Scientific Seminars; and Visits to Japanese Laboratories for Research.

There are programs and projects in Taiwan (Chinese Republic) that may be short-term, long-term (6 mos. to 1 yr.), Cooperative Research, or Seminars.

There are U. S. -Italian programs in Cooperative Research, Seminars, and Visiting Scientists.

France and the U. S. have an exchange program with a deadline of December 10 for application.

HUD AWARDS  
111 FELLOWSHIPS

The fifth annual HUD award of graduate fellowships in urban studies went to 111 students at 47 institutions of higher education. The students represent 33 states and the District of Columbia. There were 13 renewals of fellowships awarded in the previous year. There were more than 800 applications received from all of the fifty states.

This program is to provide a reservoir of trained, professional public service personnel to address the accumulated problems of our urban centers. The fellowships cover a wide range of urban-related fields of graduate study for qualified students preparing for careers in urban public service. The students pursue full-time degree work in social, economic, and physical development of modern cities programs. There is an emphasis on coordination of all aspects of community development.

38% of the fellows were from minority groups.  
36% of the 111 were women.

Grants are in the amount of \$3,000 for a year of study with allowance for two dependents at \$500 each. A cost-of-education allowance covering tuition and fees is paid directly to the institution where the Fellows are studying.

HEW GRANTS  
ENVIRONMENTAL  
EDUCATION

Special Projects Grants (Title III, ESEA) have been awarded to 16 selected school districts throughout the U. S. It is interesting to note that none were awarded in the state of Ohio. These innovative environmental education programs were:

A Model Education Program in Biology  
Model Strategy for Effective Environment Education Program  
Environmental Education Project  
Cooperative Learning through Environment Activities in Nature  
Environmental Education Demonstration Project  
Strategies for Environmental Education  
Environmental Studies Program  
New Jersey Plan for Environmental Education  
Developing Environmental Stewardship  
Environmental Studies Project  
Urban-Suburban Cooperative Project in Environmental Education  
Interdisciplinary Problem Solving Approach in Environmental Education  
An Environmental Ecological Education Center for Exceptional Students  
Environmental Education Program  
Master Plan for Environmental Education  
ECO Curriculum Development and Learning Laboratory.

These vary in amount from \$39,435 to \$452,600. These programs are planned for 3 years and include the testing of new curriculum materials on various aspects of environmental protection and ecology, and special training for teachers. These are primarily related to the public school, elementary and secondary, systems.

OE FELLOWS

Thirteen men and three women were in the seventh group assigned to the cooperative project of the Office of Education which is designed to develop future education leaders. This will bring the number to 136 who have been involved in the program. These persons work in the offices of the Associate Commissioners of Education at an average salary of \$12,500. Application of individuals committed to education is made through the regional office of OE.

Fellows will spend one-third of their time on special projects, in seminars and meetings with high government officials, and on field trips to innovative educational centers. Travel expenses to and from Washington are also paid.

OFFICE OF  
EDUCATION

The Department of Health, Education, and Welfare has announced the awarding of grants to states for development of facilities to serve children with specific learning disabilities. These are primarily directed toward sight and speech problems. They may be resource centers offering services and training for teachers, workshops and seminars, diagnostic remedial services, and computerized information.

The grants were made to the State Departments of Education for sub-grants to authorized agency:

	<u>Received</u>	
California	\$125,000	San Francisco Unified School District
Colorado	125,000	Westminster diagnostic remedial center
Mississippi	100,000	Hattiesburg Instructional Center
New Jersey	125,000	Information Research Center
Washington	125,000	Unified center through Seattle, Spokane, & Tacoma - In-Service Training for Teachers
Utah	125,000	(same as Washington)
Wisconsin	125,000	In-Service Training, Milwaukee, for 32 teachers
Arizona	150,000	University of Arizona (Tucson) Survey & Support for other Grants
Ohio	125,000	Ohio State University: 5 day workshop 30 weekly seminars In-service training - Jr. Hi Teachers

RESEARCH CAREER  
AWARDS

The National Institutes of Health have established December 1 as the application deadline for its Research Development Center Awards.

The awards are to academic institutions on behalf of specific individuals for the primary purpose of fostering the development of young scientists with outstanding potential for careers of independent research in the health sciences. Initial awards are for five years. Applicants should be under 40 and have three or more years of relevant postdoctoral experience. Other deadlines are May 1 and September 1.

\* \* \* \* \*

Poverty - Using the box the color TV came in as a baby crib.

\* \* \* \* \*

PROGRAMS AT  
ANOTHER INSTITUTION

In addition to the many programs in the areas of scientific research (chemistry, medicine, physics, engineering, etc.)

the following projects are under way at another institution - suggesting some areas that might be open for development at Wright State University:

Preparing and conducting a course in price analysis. Office of Naval Research, \$6,168.

Statistics and Probability Applied to System Effectiveness Evaluations. Air Force Office of Scientific Research, \$45,268.

Studying the effects of atmospheric molecular absorption and scattering by aerosols, fog, and rain on the propagation of laser energy through the atmosphere. Wright-Patterson Air Force, \$12,500.

Analysis of Capital Formation and Technological Innovation at the Farm Level in Less Developed Countries. Agency of International Development, Dept. of State, \$232,959.

Determinants of Population Growth Study - demographic. Department of Health, Education, & Welfare, National Institutes of Health, \$107,155.

Preparation and presenting ten offerings of a course (4 wk.) in Department of Defense contract administration. Office of Naval Research, \$23,265.

Preparing and delivering a 5-day course and two (2 day) workshops in contract formation and administration for negotiated contracts. Office of Civil Defense, \$1,700.

Identifying, recruiting, and preparing able men and women for leadership positions in education, particularly urban school systems. Office of Education, Department of Health, Education & Welfare, \$677,333.

For fostering meritorious research on cancer. American Cancer Society Institutional Grant, \$35,000.

Impact of Extending Minimum Wages to Private Household Workers. Department of Labor, Manpower Administration, \$7,928.

Studying the Harlem Renaissance, a Black literary movement in the U. S. in the 1920's. National Endowment of the Humanities, \$14,999.

Design of Planning and Assessment System for the Division of Manpower and Institutions, Office of Education, HEW, \$24,440.

(continued on next page)



Automated On-Line Circulation Systems: Evaluation, Development, and Use (Library). Council on Library Resources, \$1,534.

Academic Services to Air Force Institute of Technology School of Systems and Logistics, WPAFB, \$290,042.

Sociolinguistics and Bilingualism (Breton & Breton-French-in Brittany). HEW, Public Health Services, \$5,280.

Studying the social determinants of suicide in the United States and Taiwan. HEW, PHS, \$6,814.

Relationships between and within sex and race substructures in the United States. Interrelationships of Social Groups, HEW, PHS, \$6,561.

Research on the decision process by which migrants from small towns and rural areas choose a destination. Choice Mechanisms in the Migration Decision. Ford Foundation, \$23,153.

Self-Instructional Materials for Educating Project Management. Preparing a synthesis of suggestions and principles in preparing materials in self-instructional format. Research for Better Schools, Inc., \$8,900.

HELPING SERVICES  
PROGRAMS AT  
WRIGHT STATE

Proposals for programs which come under this special classification must be approved by the Coordinating Committee for Helping Services Programs. This Committee has the function of examining, promoting, and coordinating these programs as they relate to curriculum, facilities, and budget. Those persons having an interest in these programs should plan to meet with the committee and get their thoughts together for a place on the agenda. (See Administrative Memorandum No. 71-14.)

\* \* \* \* \*

There was a Texan who called his ranch "Oleo Acres" because it was one of the cheaper spreads.

Remember when a bomber was a military aircraft and bombed meant damaged by missile explosives?

The needs of a student at college are known:  
Pay him a visit and leave him a loan.

\* \* \* \* \*



Program Category - National Science Foundation	FY 1972 Allocation
Scientific Research Project Support	\$242,250,000
Atmospheric Sciences	\$12,100,000
Earth Sciences	9,300,000
Oceanography	13,100,000
Biological Sciences	53,000,000
Physics	33,450,000
Chemistry	24,500,000
Astronomy	8,400,000
Mathematics	14,600,000
Social Sciences	22,900,000
Engineering	21,500,000
Materials Research	29,400,000
Specialized Research Facilities and Equipment	5,800,000
National and Special Research Programs	85,600,000
International Biological Program	10,000,000
Global Atmospheric Research Program	2,500,000
International Decade of Ocean Exploration	20,000,000
Ocean Sediment Coring Program	8,500,000
Arctic Research Program	3,500,000
U.S. Antarctic Research Program	26,800,000
Oceanographic Research Operations and Facilities Support	14,300,000
Research Applied to National Needs	54,100,000
National Research Centers	40,200,000
National Astronomy and Ionospheric Center at Arecibo	4,000,000
Kitt Peak National Observatory	7,700,000
Cerro-Tololo Inter-American Observatory	2,500,000
National Radio Astronomy Observatory	7,000,000
National Center for Atmospheric Research	19,000,000
Computing Activities in Education and Research	19,250,000
Science Information Activities	\$ 9,800,000
International Cooperative Scientific Activities	4,000,000
Intergovernmental Science Program	1,000,000
Institutional Support for Science	12,000,000
Science Education Support	86,100,000
Student Development	\$28,000,000
Instructional Personnel Development	26,800,000
Instructional Program Development	31,300,000
Planning and Policy Studies	2,700,000
Program Development and Management	24,137,000
Total Program Allocation	\$586,940,000
Withheld by Office of Management and Budget	32,000,000
Special Foreign Currency Program	3,000,000

## CALENDAR OF DEADLINES

### NOVEMBER

	<u>Guide No.</u>	<u>Deadline</u>
Demonstration Projects in School Health & Nutritional Services for Children from Low Income Families Preliminary Proposals	100	Nov. 15
IREX - Programs with Eastern Europe		Nov. 15
Research & Training Grants - Urban Mass Transportation		Nov. 15
National Kidney Foundation		Nov. 15
Teacher Exchange Program, USOE	20	Nov. 1-15
Special Programs & Projects in the Humanities, NEH, Museum Personnel Development	59.2	Nov. 15
Research Grants, NEH	59.3	Nov. 15
Strengthening Developing Institutions, USOE	105	Nov. 15
Institutes for Secondary School Teachers of Science & Mathematics (other than Multiterm), NSF	70.1	Nov. 15
Graduate Fellowships, NSF	78.5	Nov. 29
Special Demonstration Projects in Adult Education, USOE	203	Nov. 30
Teacher Corps (Concept Paper June 30) University USOE	102	Nov. 30
Teacher Training for Adult Education, USOE	80	Nov. 30
Cooperative Projects in Vocational Education	34	Nov. 30
Educational Opportunity Grants, Regional USOE	150	November

### DECEMBER

Water Resources Center, Annual Allotment	Dec. 1
American Chemical Society, Petroleum Research Fund, AC & B	Dec. 1
American Council of Learned Societies:	
Research Fellowships in American Studies for Foreign Scholars - European	Dec. 1
Grants for Research on Chinese Civilization	Dec. 1
Grants for Research on South Asia (Prior application for residency Oct. 15)	Dec. 1
International Research and Exchanges Board:	
Exchange of Senior Scholars in the Social Sciences and Humanities, (USSR)	Dec. 1
Exchange of Senior Scholars in All Fields with the Ministry of Higher & Specialized Secondary Education of the USSR (continued on next page)	Dec. 1

# CALENDAR OF DEADLINES

## DECEMBER (continued)

	<u>Guide No.</u>	<u>Deadline</u>
International Research & Exchanges Board (Continued)		
Summer Exchange of Language Teachers with the Ministry of Higher Education & Specialized Secondary Education (USSR)		Dec. 1
Research in Modern Foreign Language Instruction	230	Dec. 1
National Tuberculosis & Respiratory Disease Association Grants		Dec. 1
National Center for Health Services Research & Development - Research & Development Program PHS	216. 8	Dec. 1
Fellowship for Leadership Development, USOE, White House Fellows (to the Commission)	22. 3	Dec. 1
Research Career Development Awards, PHS, NIH	110	Dec. 1
Research Development Program, NIMH	144.	Dec. 1
Programs for Medical, Dental, & Veterinary Students USDOD, Army, Navy & Air Force	234. 6, -. 7	Dec. 1
Community Mental Health Centers (State), CES	263	Dec. 1
Interinstitutional Cooperative Research Abroad - Preliminary Summary	252	December
Non Commercial Education Broadcasting Facilities USOE	44	December
Engineering Research Initiation Grants, NSF	89	Dec. 1
Danforth - Campus Ministry		Dec. 10
Danforth - Underwood Fellowships		Dec. 10
Scholarships for Students in the Health Programs, NIH	106	Mid Dec.
Health Professionals - Student Loans, NIH	127	Mid Dec.
Educational Talent Search, USOE	108	Dec. 15
Danforth - Kent Fellowship		Dec. 15
Loans to Student Nurses, NIH	137	Dec. 15
Centers for Study in Areas of International Concern, East-West Center - Woodrow Wilson	282. 2	Dec. 15
Special Programs, USOE Environmental Education Program	25. 1	Dec. 17
Scholarships for Student Nurses, NIH	285	Dec. 15
School Construction in Areas Affected by Federal Activities USOE	7	Dec. 29
Law Enforcement Assistance Administration - Action Grants - State Program	195	Dec. 31
Postdoctoral Research Associateships, Inquiries other than NASA, NRC	194	Dec. 28
Research Fellowships, AEC Faculty Research Participation ACC Labs	209. 4	Dec. 31

## CALENDAR OF DEADLINES

### DECEMBER (continued)

	<u>Guide No.</u>	<u>Deadline</u>
Development & Expansion of Undergraduate & Graduate Programs in Social Work (Initial) SRS	279	Dec. 31
American Council of Learned Societies - SSRC - East European Studies, Postdoctoral Research Grants for Soviet Studies		Dec. 31
Information, Planning, Ed. & Research Programs, NSF	189.5	Prior to Jan. 1

### JANUARY

Information, Planning, Education, & Research Programs - Intergovernmental Science Policy Planning Program NSF	189.5	Before Jan. 1
Foster Grandparents Program	178	Jan. 1
Developmental Grants, National Endowment for the Humanities	59.1	Jan. 1
Research Programs, Manpower Administration		
NDTA Research Project Grants	62.2	Jan. 1
Doctoral Dissertation Grants	62.4	Jan. 1
Grants for Allied Health Professions Training Institutes		
NIH	112	Jan. 1
Professional Nurse Traineeship Program (Short-Term)		
NIH	139	Jan. 1
Program for Students of Dietetics & Occupational & Physical Therapy - Army	190.10	Jan. 1
Training & Curriculum Development Grants & Contracts in the Field of Aging (Regional SRS)	206	Jan. 1
National Research Centers - NSF	185.7	Jan. 1
Research Fellowships - Summer Student Research Participation of AEC Labs AEC	209.2	Jan. 1
Programs for Medical, Dental & Veterinary Medicine		
Army	234.5	Jan. 1
Commissioned Officer Student Training & Extern Program - OP&T	165	Jan. 1
Traineeships Grants for Advanced Training of Allied Health Professions Personnel NIH	236	Jan. 1
Research, Development, & Training Grants & <u>Fellowships</u> in Laboratory Animal Resources NIH	244.3	Jan. 1

## CALENDAR OF DEADLINES

### JANUARY (continued)

	<u>Guide No.</u>	<u>Deadline</u>
Resident, Intern, & Training Programs, Veterin- ary Medical Resident Investigator VA	272.3	Jan. 1
Centers for Study in Areas of International Concern Woodrow Wilson Scholars	282	Jan. 1
Grants to States for the Education of Handicapped Children USOE	247	January
Scholarships for Student Nurses (School) NIH	285	January
College Library Resources Program USOE	107	January
Drug Abuse Education & Prevention Programs (not encouraged)	187.1, .2, .3	January
Language & Area Centers Programs - to Div. of Foreign Studies	30	early Jan.
Educational Programs of the National Library of Medicine Postdoctoral & Special Research Fellowships NLM	104.3	Jan. 2
Postdoctoral & Special Research Fellowships NIH	120	Jan. 2
Nursing Research Grants & Fellowships Special Fellowships in Nursing Research NIH	200.1	Jan. 2
National Center for Health Services Research & Development (Research Fellowship) NCHSR	216.7	Jan. 2
Post Graduate - Black Studies Fellowship Danforth		Jan. 5
Graduate Fellowships for Women Danforth		Jan. 8
Postdoctoral Research Associateships NRC NASA	194	Jan. 8
Fellowships for Guided Study National Endowment for the Humanities	59.4	Jan. 10
Special Projects to Improve Nurse Training NIH	140	Jan. 15
National Research Centers NSF	185.6	Jan. 15
Research & Cooperative Education Programs Smith- sonian Institution (Post- & Pre-Doctoral Visiting Research Fellows	179.1, .2	Jan. 15
Programs for Medical, Dental, & Veterinary Students DOD	234.2, .9	Jan. 15
Upward Bound USOE	61	Jan. 15
Fellowships for Leadership Development - Applications to Regional Office (U. S. Office of Education Fel- lows) USOE	22.1	Jan. 31
School Maintenance & Operation in Federally Affected Areas (RFS-1)	8	Jan. 31